Index of Claims

Application/Control No.

09/837,105 Examiner

Dalei Dong

Applicant(s)/Patent under Reexamination

KIMURA, HAJIME

Art Unit

2879

Rejected Allowed

(Through numeral)
Cancelled Restricted

Non-Elected N Interference

Appeal Α 0 Objected

| Claim | | , | | | | | | | | | | | | | | | | | | | |
|---|----------|----------|--------|--|--|--|--------------|---------|--------------------|----------|----------------|----|----------|-------------|--|------------|----------|--|----------|----------------|----------|
| N | Cla | aim | Date | | | | | | | | Cla | im | Date | | | | | | | | |
| S2 N | Final | Original | 2/3/06 | | | | | | | | | | Final | Original | 5/6/06 | | | | | | |
| 1 | | V | | | | | | | | | | | | | N | | | | | | |
| 3 | | | Z | | | | | | | | | | | | N | | | | | | |
| S | | | N | | | | | | | | | | | | | | | | | Ш | |
| See N See | | | N | | | | | | | | _ | | | | | | | | | Ш | |
| T N S N | | | N | | | | | | | _ | | | | | | | _ | | | | _ |
| 8 N 58 V 59 V 60 V 60 V 61 V 62 V 63 V 66 | | | _ | _ | | | _ | | | L | | | | | | | _ | | | Ш | \vdash |
| 9 N | <u></u> | | - | | _ | | _ | | | <u> </u> | | | | | | _ | | | | $\vdash\vdash$ | \vdash |
| 10 N | <u> </u> | | | Ш | | | <u> </u> | _ | _ | <u> </u> | ļ., | | | | | | | | | \vdash | \vdash |
| 11 N | | | - | Н | _ | _ | | - | ⊢ | ┝ | \vdash | | | | | | - | | | \vdash | \vdash |
| 12 N | | | _ | | _ | | - | ┝ | ⊢ | ┝ | | | | | | | | | | - | H |
| 13 N | | | | Н | | | \vdash | ├ | - | _ | - | | | | | - | | | - | - | Н |
| 14 N 64 \ \ | - | | - | - | | - | - | ┢ | \vdash | | ⊢ | ' | | | | | | - | | \vdash | |
| 15 N | | | | H | _ | - | | ┢ | 1 | - | \vdash | | | _ | | | | \vdash | - | Г | |
| 16 N | | | ┿ | \vdash | - | ┝ | | ⊢ | - | \vdash | ┼─ | | | | _ | | _ | | - | Г | |
| 17 N 667 N 688 N 699 N 700 N 71 N 72 N 72 N 72 N 73 N 74 N 74 N 75 N 75 N 75 N 75 N 75 N 75 | <u> </u> | | - | H | ┝ | \vdash | - | ╁ | - | | - | | | | | | | \vdash | \vdash | _ | |
| 18 N | — | | | | | \vdash | _ | H | _ | \vdash | 1- | ì | | | | | _ | | _ | | |
| 19 N | - | | - | \vdash | | ┢╌ | - | 1 | t | - | T | 1 | | | - | | | | | Г | |
| 20 | - | | _ | | | - | H | ┢ | t | - | | 1 | | | N | - | | | | Г | |
| 21 | | | | T | _ | | T . | | Τ | | \vdash | ĺ | | 70 | N | | | | | | |
| The state of the | | | _ | | | | Г | 1 | | | \top | 1 | | 71 | N | | | | | | |
| 23 N | | | +- | | | | | | 1 | | П | 1 | | 72 | N | | | | | | |
| 24 N 74 N 25 N 75 N 26 N 76 N 27 N 78 √ 28 N 78 √ 29 N 79 √ 30 N 80 √ 31 N 81 √ 32 N 82 33 N 83 34 N 84 35 N 85 36 N 86 37 N 87 38 N 88 39 N 90 41 N 91 42 N 92 43 N 94 44 N 94 45 N 96 47 N 97 | | | N | | | Г | | Π | | | |] | | 73 | Ν | | | | <u> </u> | _ | |
| 26 N 7 7 N 7 7 N 7 N 7 N 7 N 7 N 7 N 7 N | | | N | Г | | | | | | | |] | | _ | N | | L | | L | _ | |
| 27 N 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | | 25 | N | | | | | | L | | |] | | | L | | _ | | _ | L_ | <u> </u> |
| 28 N | | 26 | _ | | | | | | | | _ | 1 | | | N | <u> </u> | _ | <u> </u> | | ▙ | ļ |
| 29 N | | | + | <u></u> | L | <u> </u> | ┖ | L | L | 上 | <u> </u> | Į | | | ļ., | _ | L | <u> </u> | L | ▙ | ⊢ |
| 30 N 80 √ 81 √ 82 33 N 83 N 83 N 84 N 85 N 85 N 86 N 87 N 88 N 88 N 88 N 88 N 88 N 88 | | | - | | _ | <u> </u> | <u> </u> | ↓_ | <u> </u> | ┞- | ↓_ | ļ | | | | _ | <u> </u> | <u> </u> | ļ | ├ | ⊢ |
| 31 N 81 √ 82 82 83 83 83 83 84 84 84 85 85 86 86 86 86 87 87 87 88 88 89 89 89 89 89 89 89 89 89 89 89 | | | - | ļ | _ | ļ | _ | ļ | ↓_ | ـ | ╄ | - | | | | <u> </u> | | ┝ | <u> </u> | <u> </u> | ⊢ |
| 32 N 82 83 83 83 84 84 85 85 86 86 86 87 87 88 88 88 89 89 89 89 89 89 89 89 89 89 | | | + | ┞ | <u> </u> | ļ | | ــ | ┼ | ╀ | ╄- | 1 | ļ | | | - | ├ | ┢ | <u> </u> | ⊢ | ├ |
| 33 N 8 83 84 84 85 85 86 86 87 87 88 88 88 88 89 89 89 89 89 89 89 89 89 | | | - | | ļ | ├ | - | ╀ | ⊢ | ├ | ┼ | 1 | | | 1 | - | - | \vdash | \vdash | ⊢ | ⊢ |
| 34 N 84 85 85 86 87 87 88 88 88 89 90 90 90 90 90 90 90 90 90 90 90 90 90 | | | + | ⊢ | ┝ | ┢ | ├ | - | +- | ╁ | ╀ | ┨ | | | ⊢ | - | - | ├ | ├╌ | ╁ | ├ |
| 35 N 85 86 86 87 87 88 88 88 89 90 90 90 90 90 90 90 90 90 90 90 90 90 | - | | +- | ╁ | ⊢ | 1 | | +- | ╁ | ╁ | ╁ | 1 | | | ├ | 1- | | ┢ | ⊢ | ╆ | ╁ |
| 36 N | | | | - | ⊢ | ⊢ | ├ | ╁ | - | ╁ | ╁╌ | 1 | | | | | ╁─ | | \vdash | ╁ | 1 |
| 37 N 88 88 89 90 90 91 41 N 92 92 92 93 93 94 94 94 95 95 96 97 97 97 97 | - | | _ | - | +- | ┢ | ╁ | + | +- | + | ╁╴ | 1 | | | t^{-} | H | \vdash | t | \vdash | \vdash | \vdash |
| 38 N 88 89 90 90 91 91 91 92 92 93 93 93 94 94 95 95 96 97 97 97 97 | - | | | \vdash | \vdash | +- | ╁ | +- | + | 十 | ╁ | 1 | <u> </u> | | | 1 | Н | t | T | \vdash | Т |
| 39 N | \vdash | | + | \vdash | t | ✝ | t | + | +- | +- | + | 1 | | | | Η | T- | Т | 1 | 1 | |
| 40 N 90 91 91 92 92 93 93 93 94 94 95 95 96 97 97 97 97 | <u> </u> | | | | | T | \vdash | \top | + | ✝ | T | 1 | | _ | Т | Г | t | Π | T | | Т |
| 41 N 91 92 92 93 93 94 94 95 95 96 96 97 97 97 97 | | _ | - | T | Τ- | t^- | 1 | \top | T | Τ | \top | 1 | | | Π | Γ | Γ | Ι. | | | |
| 42 N 92 93 93 94 94 95 95 95 96 97 97 97 97 97 97 97 97 97 97 97 97 97 | | | | 1 | | | T | Τ | T | Τ | 1 | 1 | | | | | | | | | \Box |
| 43 N 93 94 94 95 95 95 96 97 97 97 97 97 97 97 97 97 97 97 97 97 | | | _ | 1 | Γ | | | | | Γ | \perp |] | | 92 | | | | | | | |
| 44 N 94 95 95 96 97 97 97 | | | N | | Γ | Ĺ | | I | | Γ | |] | | | | | | | | | |
| 45 N 95 96 97 97 97 97 97 97 97 97 97 97 97 97 97 | | 44 | | | | | \Box | Γ | | | | 1 | | | <u></u> | L | <u>L</u> | | 1 | 1 | 1 |
| 47 N 97 | | | | | | \perp | | Ĺ | L | | | 1 | | | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | L | <u> </u> | 1 | \vdash | 1 | ₩ |
| | | | _ | - | Ĺ | L | | | $oxed{\Box}$ | L | 1_ | 1 | | | ↓_ | \perp | <u> </u> | ╄- | ↓_ | ↓_ | ╀ |
| | | | | _ | L | | 1_ | 丄 | $oldsymbol{\perp}$ | L | <u> </u> | 1 | | | \perp | 1 | \vdash | 1 | 1- | ┼ | ┼ |
| 48 N 98 | L. | | _ | _ | \perp | 1_ | \perp | 丄 | 1_ | \perp | 4 | 4 | <u></u> | | 1 | \vdash | ــــ | ₩ | ـ | \vdash | ╄- |
| 49 N 99 | <u></u> | | | | 1_ | \perp | 1 | ┺ | _ | 1 | _ | 4 | <u></u> | | ╄ | <u> </u> - | ╄ | ╄- | ╁- | ╄ | ┼ |
| 50 N 100 100 | | 50 | N | <u></u> | L | <u>. </u> | 1_ | \perp | | L | | J | Ц | <u> 100</u> | | <u></u> | _ | | <u> </u> | | |

| Ciaiiii | | | | | | <i>-</i> | | | | |
|-------------|----------------|--------------|----------|--|--|--------------|--|----------|--------------|--------------|
| Final | Original | 2/6/06 | | | | | | | | |
| | 51 | N | \neg | | | | | İ | \neg | |
| | 51 52 | N | \neg | | _ | _ | | | _ | _ |
| \vdash | 53 | N | \neg | | _ | | | | _ | |
| | 54 | N | \neg | | \vdash | | _ | | \neg | |
| | 54 55 | N | \neg | | \vdash | | - | | \neg | |
| | 56 | 7 | _ | | | | _ | | _ | |
| | 57 | i | | _ | | | | \vdash | 一 | |
| \vdash | 58 | V | _ | | _ | | | - | 一 | |
| 1 | 59 | | | | \vdash | _ | | | | |
| | 60 | 1 | | | \vdash | | | П | | |
| | 61 | 7 | _ | _ | <u></u> | - | | | | |
| \vdash | 62 | Ì | | _ | | - | _ | | \neg | _ |
| \vdash | 63 | 1 | | - | ┢┈ | | \vdash | | \Box | |
| | 64 | 7 | _ | \vdash | \vdash | - | \vdash | | | |
| \vdash | 65 | N | | \vdash | | | | _ | | _ |
| \vdash | 65 66 | N | | | \vdash | \vdash | | | Н | |
| | 67 | N | | ├─ | 1 | - | | _ | П | |
| - | 68 | N | _ | - | | 1 | | \vdash | | _ |
| | 69 | N | _ | | ┢ | | | | _ | |
| | 70 | Ν | | | T | Г | | | | |
| | 71 | N | _ | | | | | | | |
| | 71 72 | N | T | | T | | | | | |
| | 73 | N | Г | \vdash | | | | | | |
| | 73 74 | N N | | | Γ | | \vdash | | | |
| | 75 | | | Г | | | | | | |
| | 76 | N | | | Г | | | | | |
| | 76 7% 78 | | | | | | | | | |
| | 78 | 7 | | | | | <u> </u> | | | |
| | 79 | 1 | | | | | _ | L | | L |
| | 80 | 1 | L | | | <u> </u> | | <u> </u> | | _ |
| | 81 | 1 | | | | ┕ | 乚 | 上 | | L |
| | 82 83 | \Box | L | | | L | _ | <u> </u> | | <u>L</u> |
| | 83 | | | | L | Ĺ. | <u>L</u> | <u></u> | | <u>L</u> |
| | 84 | <u></u> | L | _ | _ | $oxed{oxed}$ | <u> </u> | <u> </u> | | L |
| L | 85_ | <u> </u> | <u> </u> | \vdash | 1_ | 1 | ┞ | ļ | <u> </u> | _ |
| | 86 | L | _ | L | ↓ | \vdash | ┞ | ⊢ | <u> </u> | <u> </u> |
| | 87 | <u> </u> | <u> </u> | | 1_ | ↓_ | 1 | | 1 | |
| ļ | 88 | ┞- | <u> </u> | ┺ | | ╀ | ↓ _ | | | - |
| <u> </u> | 89 | \vdash | ├- | \vdash | | + | 1- | \vdash | | - |
| - | 90 | \vdash | - | - | − | + | ╀ | \vdash | ╀ | \vdash |
| | 91 | <u> </u> | - | \vdash | 1- | +- | ┼ | \vdash | ⊢ | ⊢ |
| - | 92 | | 1 | + | - | ┼- | ┼- | \vdash | ├ | \vdash |
| | 93 | | ╀ | \vdash | - | + | ╀ | ╄ | - | ├ |
| - | 94 | | ╄- | ╀ | ╀ | ╀╌ | +- | ╁ | ┼- | - |
| - | 95 | ⊢ | ├- | - | ╀ | + | ╁ | ╁ | | ⊢ |
| - | 96 | ╀ | \vdash | ╁ | ╀ | ╀ | ╁ | + | \vdash | ╁╴ |
| | 97 | \vdash | ┼- | ╁ | ╁ | ╁╌ | ╁ | ╁╌ | \vdash | + |
| - | 98 | \vdash | \vdash | ╁ | ╁ | ╁╌ | + | + | + | \vdash |
| - | 100 | \vdash | ╁ | \vdash | + | ╁ | ╁ | ╁ | +- | ┢ |

| Claim | | Date | | | | | | | | | |
|------------------|---------------------------------|----------|--------------|----------|------------|--|----------|----------|--|-------------------------------------|--|
| | | | | | | | | | | | |
| न | Original | | | | | | | | | | |
| Final | rig | | | | | | | | | - 1 | |
| - | 0 | | | | | | | | | | |
| | 101 | | - | - | - | - | | _ | | - | |
| | 102 | | - | | - | ┝一 | | | | \dashv | |
| \vdash | 102 | | - | | ┞─ | | | | | ᅥ | |
| - | 104 | _ | - | - | ┝ | \vdash | | | | ᅥ | |
| \vdash | 103 104 105 | _ | \vdash | - | ┢ | | | | | _ | |
| \vdash | 106 | | _ | ┢ | - | \vdash | \vdash | _ | - | | |
| | 106 107 | _ | _ | | - | - | | | - | \dashv | |
| | 108 | | | | - | - | - | _ | | \dashv | |
| | 100 | | _ | \vdash | | \vdash | | | | - | |
| | 109 | | - | - | - | \vdash | ⊢ | | ⊢ | _ | |
| - | 444 | _ | | - | ┢ | 1- | - | _ | | | |
| | 109 110 111 112 113 | <u> </u> | | ├ | ⊢ | ├— | ├ | | | \dashv | |
| \vdash | 112 | | ├ | <u> </u> | \vdash | - | \vdash | | | \dashv | |
| | 113 | <u> </u> | \vdash | <u> </u> | <u> </u> | - | | | <u> </u> | \vdash | |
| \vdash | 114 115 116 | <u> </u> | | <u> </u> | ! — | - | ⊢ | <u> </u> | - | \vdash | |
| | 115 | ـــــ | <u> </u> | \vdash | | ⊢ | \vdash | _ | <u> </u> | Н | |
| \Box | 116 | <u> </u> | <u> </u> | 1 | <u> </u> | | <u> </u> | - | <u> </u> | \vdash | |
| | <u> 117</u> | | <u> </u> | _ | _ | <u> </u> | <u> </u> | | <u> </u> | | |
| | 118 | _ | <u> </u> | <u> </u> | <u> </u> | L | _ | ļ | <u> </u> | Ш | |
| | 117 118 119 | L | | <u> </u> | L | L | _ | | <u>_</u> | Щ | |
| | 120 | _ | $oxed{oxed}$ | L | | <u> </u> | L | <u>_</u> | L | Ш | |
| | 120 121 122 123 124 | Ĺ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | | | |
| | 122 | _ | ╙ | | <u> </u> | ļ | <u> </u> | | <u> </u> | | |
| | 123 | | L | | _ | _ | ╙ | <u> </u> | <u> </u> | | |
| | 124 | | <u> </u> | L | _ | ┖ | L | _ | <u> </u> | | |
| | 125 126 127 | ╙ | $oxed{oxed}$ | _ | <u> </u> | _ | 乚 | L | ļ | | |
| | 126 | ㄴ | ╙ | _ | <u> </u> | <u> </u> | ╙ | _ | _ | | |
| | 127 | | ╙ | <u> </u> | _ | <u> </u> | _ | L | ㄴ | _ | |
| | 128 129 | L | <u> </u> | L | L | <u>_</u> | ļ | L | ┖ | _ | |
| | 129 | | | | L | <u> </u> | <u> </u> | L | _ | _ | |
| | 130 | | | _ | L | <u> </u> | L | | <u> </u> | | |
| Ĺ | 131 | | 1_ | | L | | L | L_ | | | |
| | 131 132 133 134 135 | | | | | | <u> </u> | L | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | |
| | 133 | | | | | | | | 上 | | |
| | 134 | 匚 | | | | | | L | <u> </u> | | |
| | 135 | \Box | | Ĺ | | | | | | | |
| | 136 | L | \Box | L | L | L | | | L | \Box | |
| | 136 137 | L | | | \Box | | \Box | | L | L | |
| | 138 | | | | | | \Box | | | | |
| | 139 | | | | | | | | | | |
| | 140 | | | | | L | \perp | | | | |
| | 141 | | | | | | | | | $oxedsymbol{oxed}$ | |
| | 142 | | Γ | | | | | | L | L | |
| | 143 | | Π | | \prod | | \Box | | | | |
| | 144 | Г | \Box | | Γ | | | | | | |
| | 145 | | Τ | Ι | Π | | | Γ | | L^{-} | |
| | 146 | Τ | | | | | Γ | Γ | | Γ | |
| | 147 | Τ | Τ | | T | | Γ | Γ | | | |
| | 148 | Τ | 1 | 1 | | T | Г | | Ι | L | |
| | 149 | Т | Τ | 1 | Т | \top | \top | | | | |
| | | | | | | | | | | | |